

## 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Artemis Bug Interceptor  
**GENERAL USE:** Insecticide  
**PRODUCT DESCRIPTION:** Insecticide  
**PRODUCT CODE:** 0849

### MANUFACTURER

Artemis Bio-Solutions, LLC  
 14505 Torrey Chase Blvd Suite 205  
 Houston, TX 77014, USA  
**Emergency Contact:** INFOTRAC  
**Emergency Phone:** 1(800) 535-5053  
**Alternate Emergency Phone:** 1(352) 323-3500  
**Customer Service :** 1 (630) 359-4090  
**E-Mail:** info@artemisbiosolutions.com

### 24 HR. EMERGENCY TELEPHONE NUMBERS

**AAPCC Poison Help:** (800) 424-9300  
**CANUTEC (Canadian Transportation):** (613) 996-6666  
**INFOTRAC (US Transportation) :** (800) 535-5053

## 2. HAZARDS IDENTIFICATION

### GHS CLASSIFICATIONS

**Health:**  
 Skin Sens. 1 H317

### GHS LABEL



### SIGNAL WORD: WARNING

**HAZARD STATEMENTS** May cause an allergic skin

### PRECAUTIONARY STATEMENTS

Avoid breathing mist, spray  
 Contaminated work clothing must not be allowed out of the workplace  
 Wear eye protection, protective clothing, protective gloves  
 If on skin: Wash with plenty of water  
 If skin irritation or rash occurs: Get medical advice/attention Take off contaminated clothing and wash it before reuse  
 Dispose of contents/container to comply with local/regional/national/international regulations.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
permethrin (ISO), m-phenoxybenzyl 3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate	0.1-1	52645-53-1

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

## 4. FIRST-AID MEASURES

### First Aid Measures

**General Advice** If you feel unwell, seek medical advice (show the label where possible).

**Eye Contact** Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing.

**Skin Contact** Take off contaminated clothing and wash it before reuse. Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention.

**Inhalation** Remove the victim into fresh air. If you feel unwell, seek medical advice.

**Ingestion** Rinse mouth with water. Do NOT induce vomiting. Immediately call a poison center or doctor/physician.

### Most important symptoms and effects

Any additional important symptoms and effects are described in Section 11: Toxicology

### Indication of any immediate medical attention and special treatment needed

Symptoms/injuries : Not expected to present a significant hazard under anticipated conditions of normal use.

Symptoms/ Inhalation : May cause respiratory irritation.

Symptoms/injuries after skin contact : May cause an allergic skin reaction. Repeated exposure may cause skin dryness or cracking.

Symptoms/injuries after eye contact : Direct contact with the eyes is likely irritating.

Symptoms/injuries after ingestion : Gastrointestinal complaints.

Cramps/uncontrolled muscular contractions. Nausea. Vomiting.

## 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media** Caution: Use of water spray when fighting fire may be inefficient.

**Specific Hazards Arising from the Chemical** Under fire conditions may produce gases such as hydrogen chloride and oxides of carbon and nitrogen.

**Protective equipment and precautions for firefighters** Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers. Take account of environmentally hazardous firefighting water.

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

**Personal Precautions** General measures : Isolate from fire, if possible, without unnecessary risk.

For non-emergency personnel

Protective equipment : Safety glasses. Gloves. Protective clothing.

Emergency procedures : Evacuate unnecessary personnel. Avoid contact with skin, eyes and clothing.

Ventilate spillage area.

For emergency responders

Protective equipment : Equip cleanup crew with proper protection.

Emergency procedures : Stop leak if safe to do so. Stop release. Ventilate area..

**Environmental Precautions** Do not allow into any sewer, on the ground or into any body of water. Should not be released into the environment. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains

## Methods and material for containment and cleaning up

**Methods for Containment**                      Contain released substance, pump into suitable containers.

**Methods for Clean-Up**                      This material and its container must be disposed of in a safe way, and as per local legislation.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

**Advice on Safe Handling**                      Comply with the legal requirements. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Do not eat, drink or smoke when using this product.  
 Hygiene measures : Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.

### Conditions for safe storage, including any incompatibilities

**Storage Conditions**                      Comply with applicable regulations.  
 Storage conditions : Keep container closed when not in use.  
 Storage area : Meet the legal requirements. Store in a cool area.

**Incompatible Materials**                      Oxidizing agent. strong acids. Strong bases.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal protective equipment : Use appropriate personal protective equipment when risk assessment indicates this is necessary.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

<b>Physical State</b>	Liquid
<b>Appearance</b>	White opaque liquid
<b>Color</b>	White
<b>Odor</b>	No Odor
<b>Odor Threshold</b>	Not Determined
<b>Property</b>	<b>Values</b>
pH	6 -7
<b>Melting Point/Freezing Point</b>	No Information available
<b>Boiling Point/Boiling Range</b>	No Information available
<b>Flash Point</b>	>200 °F Closed Cup
<b>Evaporation Rate</b>	No Information available
<b>Flammability (Solid, Gas)</b>	No Information available
<b>Upper Flammability Limits</b>	No Information available
<b>Lower Flammability Limit</b>	No Information available
<b>Vapor Pressure</b>	No Information available
<b>Vapor Density</b>	No Information available
<b>Specific Gravity</b>	0.996 g/ml
<b>Water Solubility</b>	Soluble in water
<b>Solubility in other solvents</b>	N/A

<b>Partition Coefficient</b>	No Information available
<b>Auto-ignition Temperature</b>	No Information available
<b>Viscosity</b>	No Information available
<b>VOC Content %</b>	< 0.1 %

## 10. STABILITY AND REACTIVITY

### Reactivity

No data available.

### Chemical Stability

Stable under recommended storage conditions.

### Possibility of Hazardous Reactions

None under normal processing.

**Hazardous Polymerization** Hazardous polymerization does not occur.

### Conditions to Avoid

Exposure to air or moisture over prolonged periods.

### Incompatible Materials

Oxidizing agent. strong acids. Strong bases.

### Hazardous Decomposition Products

Under fire conditions may produce gases such as hydrogen chloride and oxides of carbon and nitrogen.

## 11. TOXICOLOGICAL INFORMATION

### Numerical measures of toxicity - Product Information

**For permethrin (ISO), m-phenoxybenzyl 3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate (52645-53-1)**

**ATEmix (oral)** 500.000 mg/kg body weight.

**ATE CLP (dust, mist)** 1.500 mg/l/4h

### Information on likely routes of exposure

#### Product Information

See below.

#### Eye Contact

Direct contact with the eyes is likely irritating.

#### Skin Contact

May cause an allergic skin

#### Inhalation

May cause respiratory irritation.

#### Ingestion

Gastrointestinal complaints. Cramps/uncontrolled muscular contractions. Nausea. Vomiting



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SAFETY DATA SHEET | OSHA Hazard Communication Standard 29 CFR 1910.1200. Prepared to GHS Rev03.

Date Prepared: 07/13/2020

SDS No: 0849

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

No additional Information available

### Persistence/Degradability

No Information available.

### Bioaccumulation

No Information available.

### Mobility

No Information available .

### Other Adverse Effects

No Information available.

## 13. DISPOSAL CONSIDERATIONS

### Waste Treatment Methods

**Disposal of Wastes** Disposal should be in accordance with applicable regional, national and local laws and regulations.

## 14. TRANSPORT INFORMATION

**Note** Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

**DOT** Not regulated

**IATA** Not regulated

**IMDG** Not regulated

## 15. REGULATORY INFORMATION

### International Inventories

**TSCA** Complies

**DSL/NDSL** Complies

### Legend:

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

### US Federal Regulations

#### SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Chemical Name	SARA 313 - Threshold Values %
permethrin (ISO), m-phenoxybenzyl 3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate CAS No 52645-53-1	0.1-1

### SARA 311/312 Hazard Categories

#### US State Regulations

##### California Proposition 65

**California Proposition 65** - This product does not contain substances known to the state of California to cause cancer and/or reproductive toxicity.



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## U.S. State Right-to-Know Regulations

## U.S. EPA Label Information

## EPA Pesticide Registration Number

## EPA Statement

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labelling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals.

## 16. OTHER INFORMATION

NFPA	Health hazards 1	Flammability 0	Instability 0
HMIS	Health hazards 0	Flammability 0	Physical hazards 0

Issue Date: 05-Aug-2011

Revision Date: 13-July-2020

Revision Note: New format

### Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet